REFERENCES

1. Aleksandra Zivaljevic ,Z ivko Mitrovic and Maja Petkovic," Conceptual and mathematical model for quality improvement in health care", The Service Industries Journal, Volume 33, Issue 5, October 2011,1-28
2. Amir Salehipour and Mohammad Mehdi Sepehri (2012) ,"Exact and Heuristic Solutions to Minimize Total Waiting Time in the Blood Products Distribution Problem", Advances in Operations Research, Volume 2012, Article ID 393890, May 2012, 1-25 .

3. Cemal Özgüven , Lale Özbakır, Yasemin Yavuz (2010),"Mathematical models for job-shop scheduling problems with routing and process plan flexibility" ,Applied Mathematical Modeling " , Volume 34, Issue 6, June 2010, Pages 1539-1548

4. Carlos Galvez-Fernandez, Djamel Khadraoui, Hedi Ayed,Zineb Habbas, and Enrique Alba, "Distributed Approach for Solving Time-Dependent Problems in Multimodal Transport Networks ", Advances in Operations Research Volume 2009, Article ID 512613, June 2009, 1-15

5. Chi-Ming Lin and Mitsuo Gen ," An Effective Decision-Based Genetic Algorithm Approach to Multi objective Portfolio Optimization Problem", Applied Mathematical Sciences, Vol. 1,Issue no. 5,2007, 201 - 210

6. Chuck Easttom (2017) "Utilizing Graph Theory to Model Forensic Examination" ,International Journal of Innovative Research in Information Security (IJIRIS) , Volume 04 ,Issue 02, February 2017, 1-6

7. David Epstein, Zaid Chalabi, Karl Claxton, Mark Sculpher, "Efficiency, Equity, and Budgetary Policies Informing Decisions Using Mathematical Programming", Medical Decision Making (MDM),Volume: 27 issue: 2, march 2007 , 128-137

8. Eba'a Dasan Barghouthi and Asma Imam ," Patient Satisfaction: Comparative Study between Joint Commission International Accredited and Non-accredited Palestinian Hospitals", Health Science Journal, February 2018 Vol. 12 ,issue No. 1, 100547(1-7).

9. Edward a bender ," An introduction to mathematical modelling", ISBN 048641180X ,2000

10. Fabrice Gayraud, Laurent Deroussi, Nathalie Grangeon, Sylvie Norre, "A New Mathematical Formulation for the Home Health care Problem ", Procedia Technology, Volume 9, 2013, Pages 1041-1047

11. Flaviu Moldovan(2017)," New approaches and trends in Healthcare ", Procedia manufacturing, Volume 22, 2018, Pages 947-951

12. Gary Harrison, Simone Ivatts and Peter Millard, " Mathematical Modelling :How and Why ",British Journal of Health Care Management , Volume 9,Issue No. 4, 2003,144–150

13. Gaurav Verma , Kulwinder Singh ,"Decision Making with Operations Research in Global Business ", Journal of Progressive Research in Mathematics(JPRM) ,Volume 2, Issue 2 ,March 2015, 101-106

14. Helen C. Purchase (2014), "A healthy critical attitude: Revisiting the results of a graph drawing study", Journal of Graph Algorithms and Applications, volume 18, Issue no. 2,2014,May 2014 pp. 281-311 .

15. I. Bendato, L. Cassettari, P. G. Giribone And S. Fioribello,"Attraction Force Optimization (AFO): A Deterministic Nature-Inspired Heuristic for Solving Optimization Problems in Stochastic Simulation", Applied Mathematical Sciences, Vol. 10, Issue no. 20,2016, 989 - 1011

16. Juliana Santana de Freita ,Ana Elisa Bauer d e Camargo Silva , Ruth Minamisava ,Ana Lúcia Queiroz Bezerra, Maiana Regina Gomes de Sousa ,"Quality of nursing care and satisfaction of patients attended at a teaching hospital", Volume 22, Issue 3, May-June 2014,454-460.

17. Karnon, J, Mark Mackay and T.M. Mills ,"Mathematical Modeling in Health Care", 18th World IMACS Congress and MODSIM09 International Congress on Modelling and Simulation. Modelling and Simulation Society of Australia and New Zealand and International Association for Mathematics and Computers in Simulation,2009 ,44-56

18. Kashyap M. Gupta, Kavita C. Griglani (2014),"Operational Research Techniques for Revenue Management ", International Journal of Engineering and Innovative Technology (IJEIT) Volume 4, Issue 6, December 2014,1-4

19. Kokeb Haile Eyasu, Akilew Awoke Adane, Fisseha Zewdu Amdie, Tesfaye Bisenebit Getahun, andMulunesh Abuhay Biwota ,"Adult Patients' Satisfaction with Inpatient Nursing Care and Associated Factors in an Ethiopian Referral Hospital, Northeast, Ethiopia", Hindawi Publishing Corporation Advances in Nursing Volume 2016, Article ID 6308617,May 2016,1-8

20. Leonard Schlessinger and David M. Eddy, " Archimedes: a new model for simulating health care systems—the mathematical formulation " , Journal of Biomedical Informatics ,volume 35,issue 1 February 2002, 37–50

21. Luca Paulon," mathematics in health care with application ",thesis, February 2013,1-135

22. Mala , S.P. Varma2 (2016) ,"Minimization of Traffic Congestion by Using Queueing Theory",IOSR Journal of Mathematics (IOSR-JM),Volume 12, Issue 1 Ver. II ,(Jan. - Feb. 2016), PP 116-122.

23. Ma´rio Lino Raposo Helena Maria Alves Paulo Alexandre Duarte," Dimensions of service quality and satisfaction in healthcare: a patient's satisfaction index ",Service Business journal , Volume 3 , issue 1, 2009 ,85-100

24. Mende Sorato, " Determinants of Patient Satisfaction Towards Inpatient Nursing Services and its Associated Factors in, Gamo Gofa Zone, SNNPR, Ethiopia, April 2017", volume 7, issue 3,September 2017, 1-12.

25. Mudra S. Gondane1, Prof. D. R. Zanwar, "Staff Scheduling in Health Care Systems" ,IOSR Journal of Mechanical and Civil Engineering (IOSRJMCE) , Volume 1, Issue 6, (July-Aug 2012), 28-40

26. Nagesh Shukla, Pascal Perez, Manoj Kumar Tiwari, Darek Ceglarek & Joanan Matos Dias , "Modelling and simulation in health care systems ",International Journal of Systems Science: Operations & Logistics, Volume 4, Issue 1, 2017, 1-3

27. O.S. Balogun, E.T. Jolayemi, T.J. Akingbade and H.G. Muazu, "Use Of Linear Programming For Optimal Production In A Production Line In Coca –Cola Bottling Company, Ilorin", International Journal of Engineering Research and Applications (IJERA) Vol. 2, Issue 5, September- October 2012, pp.2004-2007 .

28. Parviz Fattahi , Fariborz Jolai , Jamal Arkat (2009),"Flexible job shop scheduling with overlapping in operations", Applied Mathematical Modelling, Volume 33, Issue 7, July 2009, Pages 3076-3087

29. Paula Ranta (2010),"Information And Communications Technology In Health Care ",thesis, May 2010

30. Pieter van Baal, Alec Morton, Johan L. Severens, "Health care input constraints and cost effectiveness analysis decision rules", Social Science and Medicine, Volume 200, March 2018, Pages 59-64.

31. Richard B. Chambers ," Medical Research: “Research Without Patients?” ", The Ochsner Journal, no Volume 2 , Issue 4, October 2000, 218-223.

32. Rishi pal singh ,Vandana (2014),"Application of Graph Theory in Computer Science and Engineering ",International Journal of Computer Applications , Volume 104, Issue – No.1, October 2014 ,1-4

33. S. K. Barik and M. P. Biswal (2012),"Probabilistic Quadratic Programming Problems with Some Fuzzy Parameters",Advances in Operations Research,Volume 2012, Article ID 635282,December 2011,1- 13.

34. S.Priyan ,"Operations Research in Healthcare: A Review",Juniper online journal of public health, volume 1, issue 3,march 2017,1-7

35. Saul I. Gass, American Mathematical Society, "Operations Research Mathematics and Models" ,ISBN : 9780821800294,1981

36. Smaranda Belciug , Florin Gorunescu," Improving hospital bed occupancy and resource utilization through queuing modeling and evolutionary computation", Journal of Biomedical informatics, Volume 53,February 2015, Pages 261-269

37. Somayeh Ghazalbash, Mohammad Mehdi Sepehri, Pejman Shadpour ,and Arezoo Atighehchian, "Operating Room Scheduling in Teaching Hospitals", Advances in Operations Research, Volume 2012, Article ID 548493,december 2011,1- 16

38. Soulef Smaoui,Habib Chabchoub,and BelaidAouni,"Mathematical Programming Approaches to Classification Problems ",Advances in Operations Research ,Volume 2009, Article ID 252989, 1-34

39. Subiono and KistosilFahim ," On Computing Supply Chain Scheduling Using Max-Plus Algebra ", Applied Mathematical Sciences, Vol. 10, Issue no. 10, 2016, 477 - 486

40. Tahir Ahmed, Nega Assefa, Asrat Demisie, Abera Kenay ,"Levels of Adult Patients' Satisfaction with Nursing Care in Selected Public Hospitals in Ethiopia ", International Journal of Health Sciences, Qassim University, Volume 8, Issue No. 4 (Oct-Dec 2014),1-9

41. Thomas Rotter, Daniela Popa, Beatrice Riley, Tim Ellermann, Ulrike Ryll, Genc Burazeri, Piet Daemen,Guy Peeters and Helmut Brand," Methods for the evaluation of hospital cooperation activities (Systematic review protocol) ",Systematic Reviews , February 2012, 1-11

42. Tsegahun Manyazewal, Mokgadi C Matlakala, " Implementing health care reform: implications for performance of public hospitals in central Ethiopia", Journal of Global Health , volume 8,Issue 1, July 2018.,010403,1-15

43. Wullianallur Raghupathi, Viju Raghupathi, (2016)"An Overview of Health Analytics", journal of health and medical informatics, volume 4, isuue 3, 2016, 1-43

44. YongShi, ToufikBoudouh, OlivierGrunder,"A Home Health Care Routing Problem with Stochastic Traveland ServiceTime ", IFAC-PapersOnLine, Volume 50, Issue 1, July 2017, 13987-13992

45. Yunus Demir, S. Kürs_at _Is_leyen (2013) ,"Evaluation of mathematical models for flexible job-shop scheduling problems", Applied Mathematical Modeling, Volume 37, Issue 3, 1 February 2013, Pages 977-988